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USSR TIRE, RUBBER PLANTS MECHANIZE PROCESSES, SAVE MATERIALS

MECHANIZE TIRE ASSEMBLY -- Moscow, Trud, 13 May 52

The Moscow Tire Plant has mechanized the assembly of automobile tire casings as a result of the development of mechanical rams. Tire enterprises in capital-ist countries are still using manual rams.

All the plant shops have conveyers, transfer and roller tables, the latest machine tools, machines, and aggregates. Work is now being done with a view to mechanizing the processing of rubber, the molding of tire casings, and other operations.

MAKES ABOVE-PLAN TIRES FROM SAVED RUBBER -- Moscow, Vechernyaya Moskva, 15 May 52

The Moscow Tire Plant pledged to put out 10,000 above-plan automobile tire casings and 12,000 inner tubes from saved rubber in 1952. Actually, during the first 4 months, it has put out almost 20,000 above-plan inner tubes and 4,300 tire casings from materials saved.

MAKES SPECIAL BUS TIRES -- Moscow, Vechernyaya Moskva, 9 Jun 52

The Moscow Tire Plant has mastered the production of special tires for buses traveling between Moscow and Simferopol', Moscow and Tula, and Moscow and Orel.

GIVES VULCANIZATION NORM -- Moscow, Moskovskaya Pravda, 10 Aug 52

One worker at the Moscow Tire Plant vulcanizes up to 5,260 motor-vehicle tire castings almost every month, instead of the norm of about 3,000.

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## CALENDER SHOP'S ECONOMY DRIVE SUCCEEDS -- Moscow, Trud, 18 Jul 52

In the calender shops of tire plants, cord is rubber-coated, treads are made, and rubberized fabrics are cut into strips for making tire-casing parts.

The Moscow Tire Plant experienced difficulties in making the complex calender and tread aggregates operate efficiently and economically. Up to now, if an economist set about planning a saving in materials in this branch of production, he was limited, at best, to approximate monthly indexes. This was because, in the course of the day, each brigade puts out cord of various sizes and designations. It is difficult to determine in what type of output, when, and in what shift the overconsumption of textile material has been permitted.

In one quarter, the calender shop was able to save 900,000 rubles' worth of rubber but overconsumed 23,500 square meters of textile materials for a loss of 160,000 rubles. This was difficult to explain, and the situation was analyzed. Before the fabric is coated with rubber, it is processed with a special compound and dried. In the process, it shrinks and must be stretched. It was found that control was exercised only to the point of making sure that the rubberized fabric was not narrower than stipulated by norm, and thus, cord of maximum width was not produced.

An economy drive was initiated; close observation was kept on all materials from the time they came from the warehouse, through every operation, and the quality of the cord was carefully checked. During September 1951, the first month of the competition, losses due to waste of rubberized fabric were cut, 11,380 square meters of fabric were saved, and the plant was saved more than 139,000 rubles. Still better results were achieved in October: 23,776 square meters of fabric were saved, and the over-all saving amounted to more than 500,000 rubles.

The system of checking totals for every shift instead of taking average monthly totals has proved to be a great economy measure.

The plant has pledged to produce 10,000 above-plan tire casings for 1952.

## TIRE PLANTS SHARE EXPERIENCES -- Yerevan, Kommunist, 16 May 52

There is close cooperation between the Yerevan and Yaroslavl' tire plants. Workers are in touch with one another and imitate one another's methods.

Recently inner tubes for ZIS-151 truck tires produced by the Yerevan plant proved heavier than called for in the specifications. A part in the aggregate which was used to produce the crude rubber tubes was redesigned, resulting in a saving of 320 kilograms of raw material daily and the weight of the inner tubes has been reduced to normal.

Personnel at the Yerevan plant pay visits to the Yaroslavl' and Moscow tire plants to exchange ideas and become familiar with the work of leading Stakhanovites.

## SUPPLY GIGANT TIRES TO CONSTRUCTION PROJECTS -- Yerevan, Kommunist, 9 Jul 52

During the first 6 months of 1952, the Yerevan Tire Plant sent 760 Gigant tires to the builders of the Volga-Don Canal and the Kakhovka Hydroelectric Center. During the same period, 790 tire casings were made from saved materials.

A new order has just been received from the Kakhovka Hydroelectric Center.

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MECHANIZE RUBBER PRODUCTION -- Moscow, Vechernyaya Moskva, 30 Jun 52

Production processes have been mechanized in many shops of the Moscow Kauchuk Plant. Automatic mechanisms for controlling the operation of presses have been put in operation, and the unloading of rubber mixers and many other operations have been made automatic.

Recently, a technical conference was held at the plant, devoted to the mechanization of production. According to plans worked out by the Technical Design Division, it was planned to mechanize the transport of fittings and finished output, as well as certain production processes in 1952. It is proposed to introduce into the conveyor belt shop in 1952 new technology which will improve the quality of products and sharply decrease the consumption of production materials.

TO INCREASE OUTPUT OF FORCING HOSE -- Moscow, Moskovskiy Komsomlets, 27 Aug 52

The hose shop of the Moscow Kauchuk Plant has pledged to produce 25 percent more forcing hose in the third quarter of 1952 than in the corresponding period of 1951; also, to put into operation a conveyor for feeding fabric to a new combine.

SHIP RUBBER PRODUCTS TO CANAL BUILDERS -- Vil'nyus, Sovetskaya Litva, 18 Jul 52

The Kazan' Industrial Rubber Products Plant decided to fulfill its month plan by 27 July, the day of the opening of the Volga-Don Canal. Thousands of rubber connecting rings for the pipelines of suction dredges and 40,000 various rubber parts for automotive vehicles have been shipped to the canal builders.

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